

ABSTRACT

A temperature control unit and a method of operating a temperature control unit. The temperature control unit including a refrigeration circuit enclosing a refrigerant and having a compressor, a condenser, and an evaporator coil. The method including

5 providing a first flow path extending through the compressor, the condenser, and the evaporator, providing a second flow path extending through the compressor and the evaporator, the second flow path bypassing a section of the refrigeration circuit, directing refrigerant through the first flow path during operation in a cooling mode, directing refrigerant through the second flow path during operation in a heating mode, and

10 recovering refrigerant from the section of the refrigeration circuit during operation in a recovery cycle.